ABSTRACT

A method and arrangement for maintaining end-to-end synchronization on a telecommunications connection on which data are transmitted in frames substantially in real time and using synchronized end-to-end encryption which is synchronized by occasionally transmitting synchronization vectors in said frames, at least part of the telecommunications connection being a packet-switched connection (PDN), whereby the reproduction delay of the data to be transmitted can be increased by adding one or more extra frames to the frame sequence to be transferred and reduced by removing one or more frames from the frame sequence to be transferred, the arrangement comprising reproduction delay adjustment means (GW, TE) arranged to change the reproduction delay during the data transmission at such a moment that the frame to be transferred next comprises a synchronization vector.

(Figure 1)